



13281 U.S. PTO

Atty. Dkt. No. 024536-0143

22278 U.S. PTO
10/830065



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Akira KIYOMURA et al.
Title: MISFIRE DETECTING APPARATUS FOR INTERNAL COMBUSTION
ENGINE AND METHOD THEREOF
Appl. No.: Unassigned
Filing Date: April 23, 2004
Examiner: Unknown
Art Unit: Unknown

UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility
patent application of:

Akira KIYOMURA
Masanobu OHSAKI
Hisanori OZAKI

Enclosed are:

- [X] Specification, Claim(s), and Abstract (17 pages).
- [X] Formal drawings (6 sheets, Figures 1-6).
- [X] Declaration and Power of Attorney (4 pages).
- [X] Assignment of the invention to HITACHI UNISIA AUTOMOTIVE, LTD.
and FUJI HEAVY INDUSTRIES LTD.
- [X] Assignment Recordation Cover Sheet.
- [X] Information Disclosure Statement.

- ☒ Form PTO/SB/08 with copies of 2 listed reference(s).
- ☒ Application Data Sheet (37 CFR 1.76).
- ☒ Claim for Convention Priority with 1 certified Japanese priority document.

The filing fee is calculated below:

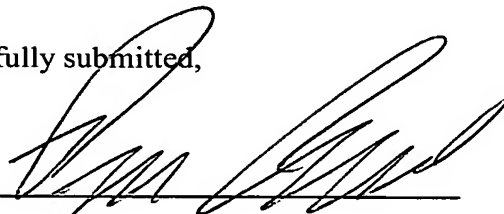
| | Claims as Filed | | Included in Basic Fee | | Extra Claims | | Rate | | Fee Totals |
|---|--------------------|---|-----------------------------|-----|-----------------|--|--|---|---------------|
| Basic Fee | | | | | | | \$770.00 | = | \$770.00 |
| Total | 19 | - | 20 | = 0 | x | | \$18.00 | = | \$0.00 |
| Claims: | | | | | | | | | |
| Independents | 3 | - | 3 | = 0 | x | | \$86.00 | = | \$0.00 |
| : | | | | | | | | | |
| If any Multiple Dependent Claim(s) present: | | | | | + | | \$290.00 | = | \$0.00 |
| | | | | | | | SUBTOTAL: | = | \$770.00 |
| [] | | | | | | | Small Entity Fees Apply (subtract ½ of above): | = | \$0.00 |
| | | | | | | | TOTAL FILING FEE: | = | \$770.00 |
| Assignment Recordation Fee: | | | | | + | | \$40.00 | = | \$40.00 |
| TOTAL FEE | | | | | | | | = | \$810.00 |

- ☒ A check in the amount of \$810.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By



Pavan K. Agarwal
Attorney for Applicant
Registration No. 40,888

Date April 23, 2004

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